

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/037511 A1

(51) International Patent Classification⁷: **B29C 45/14**,
51/26, 51/06 // 31/08, 37:00, 67:24, 69/00

(21) International Application Number:
PCT/IB2003/004700

(22) International Filing Date: 24 October 2003 (24.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
UD2002A000222 25 October 2002 (25.10.2002) IT

(71) Applicant (for all designated States except US): **G.M.P. SPA** [IT/IT]; Via Padova, 13, I-31046 ODERZO (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **DAMO, Mario** [IT/IT]; Viale Frassinetti, 15, I-31046 ODERZO (IT).

(74) Agent: **PETRAZ, Gilberto**; GLP Srl, Piazzale Cavedalis, 6/2, I-33100 UDINE (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

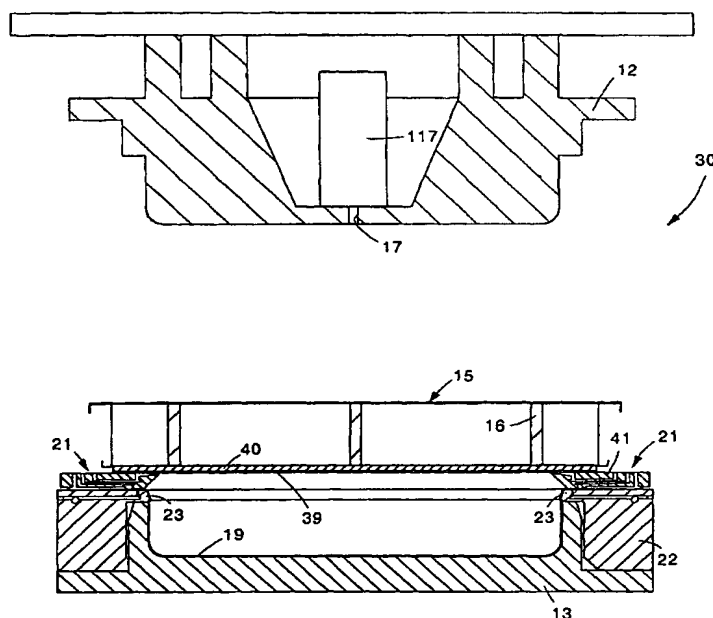
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD TO PRODUCE POLYURETHANE ARTICLES AND RELATIVE DEVICE



(57) Abstract: Method and device to produce polyurethane articles (37, 137, 237) covered on one side by a film (19). The method provides a step wherein the film (19) is made to adhere to one zone of a part of a mold, and a heating step wherein one segment of the film (19) is heated before the film (19) is made to adhere to the part of the mold. The heating step is performed, by means of a movable heating assembly (15), in an intermediate position between a first position outside the mold and a second position associated with the mold. In the heating step the film (19) is also partly pre-formed.